Additional inventors are being named on

PTO/SB/01A (06-03)
Approved for use through 07/31/2003. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	Optical Network Monitoring System						
As the below named inventor(s), I/we declare that:							
This declaration	This declaration is directed to:						
	The attached application, or						
	Application No filed on						
	as amended on(if applicable);						
I/we believe tha which a patent is	t I/we am/are the original and first inventor(s) of the subject matter which is claimed and for sought;						
	ewed and understand the contents of the above-identified application, including the claims, as y amendment specifically referred to above;						
to me/us to be applications, m	lge the duty to disclose to the United States Patent and Trademark Office all information known a material to patentability as defined in 37 CFR 1.56, including for continuation-in-part aterial information which became available between the filing date of the prior application and PCT International filing date of the continuation-in-part application.						
belief are belie false statement	made herein of my/own knowledge are true, all statements made herein on information and eved to be true, and further that these statements were made with the knowledge that willfults and the like are punishable by fine or imprisonment, or both, under 18U.S.C. 1001, and may validity of the application or any patent issuing thereon.						
FULL NAME OF	F INVENTOR(S)						
Inventor one:	Reddy URIMINDI						
Signature:	X Reilly Monnall Citizen of: USA						
Inventor two:	Ohn CARBERRY						
Signature:	Citizen of: USA						
Inventor three:	Michael L. SMITH						
Signature:	Citizen of: USA						
Inventor four:							
Signature:	Citizen of:						

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the arrount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mall Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

_additional form(s) attached hereto.

PTO/SB/81 (06-03) Approved for use through 11/30/2005. OMB 0651-0035

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POWER OF ATTORNEY CORRESPONDENCE ADDRESS INDICATION FORM

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I hereby appoint:					
Practitioners at Cu OR Practitioner(s) name		22465			
	Name		R	egistration Number	
as my/our attorney(s) or a business in the United Sta					
Please recognize or chan The above-mentione OR Practitioners at Custo OR	ed Customer Number		the above	dentified application to:	
Firm or Individual Name	•				
Address					
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Country					
Telephone			Fax		
I am the: Applicant/Inventor	r.				
Assignee of record	d of the entire interes 37 CFR 3.73(b) is er				
	SIGNATURE of A	oplicant or Assig	nee of Reco	ord	
Name Neptec O	ptical Solutions, Inc.,	Michael L. Smith	, Vice Presid	ent of Engineering	
Signature M.L.	DIRECT	-			
Date 10/3/	Date 10/3/03 Telephone 865-262-3124				
NOTE: Signatures of all the invento forms if more than one signature is		of the entire intere	st or their repr	esentative(s) are required. Submit multiple	
	s are submitted.				

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/96 (08-00) Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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STATEMENT UNDER 37 CFR 3.73(b)						
Applicant/Patent Owner: N ptec Optical Solutions, Inc.						
Application No./Patent No.:	Filed/issue Date:					
Entitled: Optical Network Monitoring Syste	em					
Neptec Optical Solutions, Inc.	, a_corporation of Tennessee					
(Name of Assignee)	(Type of Assignee, e.g. corporation, partnership, university, government agency, etc.)					
states that it is:						
_						
1. A the assignee of the entire right, title,						
 an assignee of less than the entire ri The extent (by, percentage) of its ow in the patent application/patent identified a 	vnership interest is%					
A. [X] An assignment from the inventor(s) of was recorded in the United States P which a copy thereof is attached.	of the patent application/patent identified above. The assignment attent and Trademark Office at Reel, Frame, or for					
OR						
B.[] A chain of title from the inventor(s), c assignee as shown below:	of the patent application/patent identified above, to the current					
	To:					
	n the United States Patent and Trademark Office at, or for which a copy thereof is attached.					
	То:					
The document was recorded in	the United States Patent and Trademark Office at					
Reel, Frame	, or for which a copy thereof is attached.					
	To:					
	the United States Patent and Trademark Office at, or for which a copy thereof is attached.					
[] Additional documents in the cha	ain of title are listed on a supplemental sheet.					
[X] Copies of assignments or other documer [NOTE: A separate copy (i.e., the origin must be submitted to Assignment Division recorded in the records of the USPTO.	al assignment document or a true copy of the original document) on in accordance with 37 CFR Part 3, if the assignment is to be					
The undersigned (whose title is supplied bel	ow) is authorized to act on behalf of the assignee.					
	Michael L. Smith					
	Typed or printed name					
865-262-3124	Mary State					
Telephone number	Signature Vice President of Engineering					
·	Title					

This collection of information is required by 37 CIFIR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CIFIR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application from to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/81 (06-03) Approved for use through 11/30/2005. OMB 0651-0035

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POWER OF ATTORNEY and **CORRESPONDENCE ADDRESS** INDICATION FORM

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Application Number	
Filing Date	
First Named Inventor	URIMINDI, et al.
Title	Optical Network Monitoring System
Art Unit	
Examiner Name	
Attorney Docket Number	29338.00

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I am the:	plicant/Invent	or.				
	Assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. (Form PTOISBI96).					
		SIGNATURE of A	pplicant or Assigned	of Rec	ord	
Name	Reddy	URIMINDI				
Signature	X F	Edly Vonna				
Date		10/3/03	Те	ephone	214-261-9220	
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This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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POWER OF ATTORNEY and CORRESPONDENCE ADDRESS **INDICATION FORM**

Application Number	
Filing Date	
First Named Inventor	URIMINDI, et al.
Title	Optical Network Monitoring System
Art Unit	
Examiner Name	
Attorney Docket Number	29338.00

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		SIGNATURE of A	pplicant or Assign	e of Rec	ord	
Name	John C.	ARBERKY /	$\overline{}$			
Signature	y ×	VKL				
Date		10/3/03	Т	elephone	865-262-3100	
		ntors or assignees of recordis required, see below*.	d of the entire interest	or their rep	resentative(s) are required. Submit	multiple
Total of		rms are submitted				

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/81 (06-03)

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POWER OF ATTORNEY and **CORRESPONDENCE ADDRESS** INDICATION FORM

Application Number	
Filing Date	
First Named Inventor	URIMINDI, et al.
Title_	Optical Network Monitoring System
Art Unit	
Examiner Name	
Attorney Docket Number	29338.00

							
I hereby ap	point:						
☑ Practi	itioners at (Customer Number	22465	\neg			
OR		•					
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Applio	cant/Invento	or.					
☐ Assis	Assignee of record of the entire interest. See 37 CFR 3.71.						
		rd of the entire interes - 37 CFR 3.73(b) is en			96).		
		SIGNATURE of Ap	plicant or Assign	nee of R	ecord		
Name	Michael	L. SMITH		<u> </u>			
Signature	Min	RDISTI	3				
Date		10/3/03		Γelepho	ne 865-	262-3124	
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